

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=10; day=30; hr=15; min=50; sec=20; ms=833;
]

=====

Application No: 10583877 Version No: 2.0

Input Set:

Output Set:

Started: 2008-10-01 14:55:38.061
Finished: 2008-10-01 14:55:40.208
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 147 ms
Total Warnings: 44
Total Errors: 2
No. of SeqIDs Defined: 97
Actual SeqID Count: 97

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (51)
W 213	Artificial or Unknown found in <213> in SEQ ID (52)
W 213	Artificial or Unknown found in <213> in SEQ ID (53)
W 213	Artificial or Unknown found in <213> in SEQ ID (54)
W 213	Artificial or Unknown found in <213> in SEQ ID (55)
W 213	Artificial or Unknown found in <213> in SEQ ID (56)
W 213	Artificial or Unknown found in <213> in SEQ ID (57)
W 213	Artificial or Unknown found in <213> in SEQ ID (58)
W 213	Artificial or Unknown found in <213> in SEQ ID (59)
W 213	Artificial or Unknown found in <213> in SEQ ID (60)
W 213	Artificial or Unknown found in <213> in SEQ ID (61)
W 213	Artificial or Unknown found in <213> in SEQ ID (62)
W 213	Artificial or Unknown found in <213> in SEQ ID (63)
W 213	Artificial or Unknown found in <213> in SEQ ID (64)
W 213	Artificial or Unknown found in <213> in SEQ ID (65)
W 213	Artificial or Unknown found in <213> in SEQ ID (66)
W 213	Artificial or Unknown found in <213> in SEQ ID (67)
W 213	Artificial or Unknown found in <213> in SEQ ID (68)
W 213	Artificial or Unknown found in <213> in SEQ ID (69)
W 213	Artificial or Unknown found in <213> in SEQ ID (70)

Input Set:

Output Set:

Started: 2008-10-01 14:55:38.061
Finished: 2008-10-01 14:55:40.208
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 147 ms
Total Warnings: 44
Total Errors: 2
No. of SeqIDs Defined: 97
Actual SeqID Count: 97

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (87)

SEQUENCE LISTING

<110> Ellis, Jonathan H

Eon-Duval, Alexandre

Grundy, Robert I

Hussain, Farhana

McAdam, Ruth

Plumpton, Christopher

Prinjha, Rabinder K

Wilson, Paul A

<120> NOGO - A NEUTRALISING IMMUNOGLOBULINS FOR TREATMENT OF NEUROLOGICAL DISEASES

<130> PB60608

<140> 10583877

<141> 2006-06-21

<150> PCT/GB2004/005325

<151> 2004-12-20

<150> GB 0329684.5

<151> 2003-12-22

<150> GB 0329711.6

<151> 2003-12-22

<160> 97

<170> PatentIn version 3.1

<210> 1

<211> 16

<212> PRT

<213> Mus musculus

<400> 1

Arg Ser Ser Lys Ser Leu Leu Tyr Lys Asp Gly Lys Thr Tyr Leu Asn
1 5 10 15

<210> 2

<211> 7

<212> PRT

<213> Mus musculus

<400> 2

Leu Met Ser Thr Arg Ala Ser
1 5

<210> 3

<211> 9

<212> PRT

<213> Mus musculus

<400> 3

Gln Gln Leu Val Glu Tyr Pro Leu Thr
1 5

<210> 4

<211> 5

<212> PRT

<213> Mus musculus

<400> 4

Ser Tyr Trp Met His
1 5

<210> 5

<211> 17

<212> PRT

<213> Mus musculus

<400> 5

Asn Ile Asn Pro Ser Asn Gly Gly Thr Asn Tyr Asn Glu Lys Phe Lys
1 5 10 15

Ser

<210> 6

<211> 4

<212> PRT

<213> Mus musculus

<400> 6

Gly Gln Gly Tyr
1

<210> 7

<211> 16

<212> PRT

<213> Mus musculus

<400> 7

Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Asn Thr Tyr Leu His
1 5 10 15

<210> 8

<211> 7

<212> PRT

<213> Mus musculus

<400> 8

Lys Val Ser Asn Arg Phe Ser
1 5

<210> 9

<211> 9

<212> PRT

<213> Mus musculus

<400> 9

Ser Gln Ser Thr His Val Pro Leu Thr
1 5

<210> 10

<211> 7

<212> PRT

<213> Mus musculus

<400> 10

Phe Ser Cys Tyr Ala Met Ser
1 5

<210> 11

<211> 17

<212> PRT

<213> Mus musculus

<400> 11

Ser Ile Ser Asp Gly Gly Ser Tyr Thr Tyr Tyr Pro Asp Asn Val Lys
1 5 10 15

Gly

<210> 12

<211> 6

<212> PRT

<213> Mus musculus

<400> 12

Glu Leu Leu Phe Asp Tyr
1 5

<210> 13

<211> 16

<212> PRT

<213> Mus musculus

<400> 13

Arg Ser Ser Lys Ser Leu Leu His Ser Asn Gly Asn Thr Tyr Leu Tyr
1 5 10 15

<210> 14

<211> 7

<212> PRT

<213> Mus musculus

<400> 14

Arg Met Ser Asn Leu Ala Ser
1 5

<210> 15

<211> 9

<212> PRT

<213> Mus musculus

<400> 15

Met Gln His Leu Glu Tyr Pro Leu Thr
1 5

<210> 16

<211> 5

<212> PRT

<213> Mus musculus

<400> 16

Ser Tyr Trp Met Asn
1 5

<210> 17

<211> 17

<212> PRT

<213> Mus musculus

<400> 17

Gln Ile Tyr Pro Gly Asp Gly Asp Thr Asn Tyr Asn Gly Lys Phe Lys
1 5 10 15

Gly

<210> 18

<211> 4

<212> PRT

<213> Mus musculus

<400> 18

Arg Phe Asp Tyr

1

<210> 19

<211> 48

<212> DNA

<213> Mus musculus

<400> 19

aggtagtca agagtctcct atataaggat gggaaagacat acttgaat

48

<210> 20

<211> 21

<212> DNA

<213> Mus musculus

<400> 20

ttgatgtcca cccgtgcata a

21

<210> 21

<211> 27

<212> DNA

<213> Mus musculus

<400> 21
caacaacttg tagagtatcc gctcacg 27

<210> 22

<211> 15

<212> DNA

<213> Mus musculus

<400> 22
agctaactgga tgcac 15

<210> 23

<211> 51

<212> DNA

<213> Mus musculus

<400> 23
aatattaatc ctagcaatgg tggtaactaac tacaatgaga agttcaagag c 51

<210> 24

<211> 12

<212> DNA

<213> Mus musculus

<400> 24
ggacagggct ac 12

<210> 25

<211> 48

<212> DNA

<213> Mus musculus

<400> 25
agatctagtc agagccttgt acacagtaat ggaaacacct atttacat 48

<210> 26

<211> 21

<212> DNA

<213> Mus musculus

<400> 26
aaagtttcca accgatttc t 21

<210> 27

<211> 27

<212> DNA

<213> Mus musculus

<400> 27
tctcagagta cacatgttcc gctcacg 27

<210> 28

<211> 21

<212> DNA

<213> Mus musculus

<400> 28
ttcagttgt atgccatgtc t 21

<210> 29

<211> 51

<212> DNA

<213> Mus musculus

<400> 29
tccattatgt atggtagttac ttacacctac tatccagaca atgtaaaggc 51

<210> 30

<211> 18

<212> DNA

<213> Mus musculus

<400> 30
gaactacttt ttgactac 18

<210> 31

<211> 48

<212> DNA

<213> Mus musculus

<400> 31
aggtagtca agagtctcct gcatagtaat ggcaaacatt acttgtat 48

<210> 32

<211> 21

<212> DNA

<213> Mus musculus

<400> 32
cgatgtcca accttgcc 21

<210> 33

<211> 27

<212> DNA

<213> Mus musculus

<400> 33
atgcaacatc tagaatatcc gctcacg

27

<210> 34
<211> 15
<212> DNA
<213> Mus musculus

<400> 34
agctaactggta tgaac

15

<210> 35
<211> 51
<212> DNA
<213> Mus musculus

<400> 35
cagatttatac ctggagatgg tgatactaac tacaacggaa agttcaaggg c

51

<210> 36
<211> 12
<212> DNA
<213> Mus musculus

<400> 36
cgctttgact at

12

<210> 37
<211> 113
<212> PRT
<213> Mus musculus

<400> 37

Gln Val Gln Leu Gln Gln Pro Gly Thr Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Asn Ile Asn Pro Ser Asn Gly Gly Thr Asn Tyr Asn Glu Lys Phe
50 55 60

Lys Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Glu Leu Gly Gln Gly Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser
100 105 110

Ser

<210> 38

<211> 115

<212> PRT

<213> Mus musculus

<400> 38

Glu Val Gln Leu Val Glu Ser Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Cys Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val
35 40 45

Ala Ser Ile Ser Asp Gly Gly Ser Tyr Thr Tyr Tyr Pro Asp Asn Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Asn Leu Tyr
65 70 75 80

Leu Gln Met Ser His Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys
85 90 95

Ala Lys Glu Leu Leu Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr
100 105 110

Val Ser Ser
115

<210> 39

<211> 113

<212> PRT

<213> Mus musculus

<400> 39

Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Ser Ser Tyr
20 25 30

Trp Met Asn Trp Val Lys Gln Arg Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Gln Ile Tyr Pro Gly Asp Gly Asp Thr Asn Tyr Asn Gly Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
85 90 95

Ala Val Arg Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser

100

105

110

Ser

<210> 40

<211> 112

<212> PRT

<213> Mus musculus

<400> 40

Asp Ile Val Ile Thr Gln Asp Glu Leu Ser Asn Pro Val Thr Ser Gly
1 5 10 15

Glu Ser Val Ser Ile Ser Cys Arg Ser Ser Lys Ser Leu Leu Tyr Lys
20 25 30

Asp Gly Lys Thr Tyr Leu Asn Trp Phe Leu Gln Arg Pro Gly Gln Ser
35 40 45

Pro Gln Leu Leu Ile Tyr Leu Met Ser Thr Arg Ala Ser Gly Val Ser
50 55 60

Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Glu Ile
65 70 75 80

Ser Arg Val Lys Ala Glu Asp Val Gly Val Tyr Tyr Cys Gln Gln Leu
85 90 95

Val Glu Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
100 105 110

<210> 41

<211> 112

<212> PRT

<213> Mus musculus

<400> 41

Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
1 5 10 15

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
20 25 30

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
35 40 45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
50 55 60

Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
85 90 95

Thr His Val Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
100 105 110

<210> 42

<211> 112

<212> PRT

<213> Mus musculus

<400> 42

Asp Ile Val Met Thr Gln Ala Ala Pro Ser Val Pro Val Thr Pro Gly
1 5 10 15

Glu Ser Val Ser Ile Ser Cys Arg Ser Ser Lys Ser Leu Leu His Ser
20 25 30

Asn Gly Asn Thr Tyr Leu Tyr Trp Phe Leu Gln Arg Pro Gly Gln Ser
35 40 45

Pro Gln Leu Leu Ile Tyr Arg Met Ser Asn Leu Ala Ser Gly Val Pro
50 55 60

Asp Arg Phe Ser Gly Ser Gly Thr Ala Phe Thr Leu Arg Ile
65 70 75 80

Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln His
85 90 95

Leu Glu Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
100 105 110

<210> 43

<211> 339

<212> DNA

<213> Mus musculus

<400> 43

caggtccaac tgcagcagcc tgggactgaa ctggtaagc ctggggcttc agtgaagctg 60

tcctgcaagg cttctggcta cacccacc accatactgga tgcaactgggt gaagcagagg 120

cctggacaag gccttgagtg gattggaaat attaatccctt gcaatggtgg tactaactac 180

aatgagaagt tcaagagcaa ggccacactg actgttagaca aatccctccag cacagcctac 240

atgcagctca gcagcctgac atctgaggac tctgcggctt attattgtga actggacac 300

ggctactggg gccaaaggcac cactctcaca gtctccctca 339

<210> 44

<211> 345

<212> DNA

<213> Mus musculus

<400> 44

gaagtgcagc tggtgagtc tgggggaggc ttatgtaaagc ctggagggtc cctgaaaactc 60

tcctgtgcag cctctggatt cacttcagt tgctatgcc tgcgttgggt tcggccagact 120

ccggaaaaaga ggctggagtg ggtcgcatcc attagtgtatg gtggtagtta cacctactat 180

ccagacaatg taaaggccg attcaccatc tccagagaca atgccaagaa caacctgtac 240

ctgcaaatga gccatctgaa gtctgaggac acagccatgt attactgtgc aaaggaacta 300

cttttgact actggggcca aggcaccact ctcacagtct cctca 345

<210> 45

<211> 339

<212> DNA

<213> Mus musculus

<400> 45

caggttcagc tgcagcagtc tggggctgag ctggtaaagc ctggggcctc agtgaagatt 60

tccctgcaaag cttctggcta cgcatcagt agctactgga tgaactgggt gaagcagagg 120

cctggaaagg gtcttgagtg gattggacag atttatcctg gagatggtga tactaactac 180

aacggaaagt tcaagggcaa ggccacactg actgcagaca aatcctccag cacagcctac 240

atgcagctca gcagcctgac ctctgaggac tctgcggctt atttctgtgc agtacgcttt 300

gactattggg gccaaggcac cactctcaca gtctcctca 339

<210> 46

<211> 336

<212> DNA

<213> Mus musculus

<400> 46

gatattgtga taaccaggaa tgaactctcc aatcctgtca cttctggaga atcagttcc 60

atctcctgca ggtcttagtaa gagtctctta tataaggatg ggaagacata cttgaattgg 120

tttctgcaga gaccaggaca atctcctcag ctcctgatct atttgcgttc cacccgtgca 180

tcaggagtct cagaccgggt tagtggcagt gggtcaggaa cagattcac cctggaaatc 240

agttagagtga aggctgagga tgggggtgtg tattactgtc aacaacttgt agagtatccg 300

ctcacgttcg gtgctggac caagctggag ctgaaa 336

<210> 47

<211> 336

<212> DNA

<213> Mus musculus

<400> 47

gatgttgtga tgacccaaac tccactctcc ctgcctgtca gtcttggaga tcaaggctcc 60

atctcttgca gatctagtca gagccttgta cacagtaatg gaaaacaccta tttacattgg 120

tacctgcaga agccaggcca gtctccaaag ctccctgatct acaaagtttc caaccgattt 180

tctggggtcc cagacaggtt cagtggcagt ggatcaggga cagattcac actcaagatc 240

agcagagtgg aggctgagga tctgggagtt tatttctgct ctcagagttac acatgttccg 300

ctcacgttgc gtgctggac caagctggag ctgaaa 336

<210> 48

<211> 336

<212> DNA

<213> Mus musculus

<400> 48

gatatttgta tgactcaggc tgacccctct gtacctgtca ctccctggaga gtcaagtatcc 60

atctcctgca ggtcttagtaa gagtctcctg catagtaatg gcaacactta cttgtattgg 120

tccctgcaga ggccaggcca gtctcctcag ctccctgatata atcggatgtc caaccttgcc 180

tcaggagtcc cagacaggtt cagtggcagt gggtcaggaa ctgctttcac actgagaatc 240

agttagagtgg aggctgagga tgggggtgtt tattactgtta tgcaacatct agaatatccg 300

ctcacgttgc gtgctggac caagctggag ctgaaa 336

<210> 49

<211> 1407

<212> DNA

<213> Mus musculus

<400> 49

aagcttgcca ccatgggatg gagctgtatc atcctctttt tggtagcgc agctacagg 60
gtccactccc aggtccaact gcagcagcct gggactgaac tggtaagcc tggggcttca 120
gtgaagctgt cctgcaaggc ttctggctac acttcacca gctactggat gcactgggtg 180
aagcagagggc ctggacaagg cttgagtgg attggaaata ttaatcttag caatggtgt 240
actaactaca atgagaagtt caagagcaag gccacactga ctgtagacaa atcctccagc 300
acagcctaca tgcaagtcag cagcctgaca tctgaggact ctgcggctta ttattgtgaa 360
ctgggacagg gctactgggg ccaaggcaca ctgtcacccg tctcctcagc caaaacaaca 420
gccccatcg tctatccact ggccccgtg tgtggagata caactggctc ctgggtgact 480
ctaggatgcc tggtaaggg ttattccct gagccagtga cttgacctg gaactctgga 540
tccctgtcca gtgggtgtca cacccccc gctgtcctgc agtctgacct ctacaccctc 600
agcagctca gtaactgtaac ctgcagcacc tggccagcc agtccatcac ctgcaatgt 660
gcccacccgg caagcagcac caaggtggac aagaaaattg agcccgagg gcccacaatc 720
aagccctgtc ctccatgcaa atgcccagca cctaaccctcc tgggtggccc atccgtttc 780
atcttccctc caaagatcaa ggatgtactc atgatctccc ttagccccat agtcacatgt 840
gtgggtgtgg atgtgagcga ggatgaccca gatgtccaga tcagctggtt tgtgaacaac 900
gtggaagtac acacagctca gacacaaacc catagagagg attacaacag tactctccgg 960
gtggtcagtg ccctccccat ccagcaccag gactggatga gtggcaagga gttcaaatgc 1020
aaggtcaaca acaaagacct cccagcgccc atcgagagaa ccatctcaaa acccaaagg 1080
tcagtaagag ctccacaggt atatgtcttg cctccaccag aagaagagat gactaagaaa 1140
caggtcactc tgacctgcat ggtcacagac ttcatgcctg aagacattt a cgtggagtgg 1200
accaacaacg ggaaaacaga gctaaactac aagaacactg aaccagtctt ggactctgat 1260
ggttcttact tcatgtacag caagctgaga gtggaaaaga agaactgggt ggaaagaaat 1320
agctactctt gttcagtggt ccacgagggt ctgcacaatc accacacgac taagagcttc 1380
tcccgactc cgggtaaatg agaattc 1407

<210> 50

<211> 738

<212> DNA

<213> Mus musculus

<400> 50
aagcttgc ca ccatgagg tg ctctcttc ag tttctggggg tgcttatgtt ctggatct ct 60
ggagtca gtg gggatattgt gataacccag gatgaact